

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
JPAB,EPAB,DWPI	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	6	<u>L4</u>
USPT	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	50	<u>L3</u>
USPT	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	50	<u>L2</u>
USPT	yellin-michael\$	2	<u>L1</u>

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Term	Documents
CD40L.DWPI,EPAB,JPAB.	34
CD40LS	0
CD40.DWPI,EPAB,JPAB.	149
CD40S	0
LIGAND.DWPI,EPAB,JPAB.	20430
LIGANDS.DWPI,EPAB,JPAB.	9027
5C8.DWPI,EPAB,JPAB.	7
5C8S	0
ATHEROSCLEROSIS.DWPI,EPAB,JPAB.	6650
ATHEROSCLEROSES.DWPI,EPAB,JPAB.	4
((CD40L OR CD40 ADJ LIGAND OR 5C8) AND (ATHEROSCLEROSIS OR ARTERIOSCLEROSIS) ).JPAB,EPAB,DWPI.	6

There are more results than shown above. [Click here to view the entire set.](#)

Database: 

US Patents Full-Text Database	▲
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Refine Search:

(cd40L or cd40 adj ligand or 5c8) and  
(atherosclerosis or arteriosclerosis)

[Clear](#)**Search History****Today's Date: 3/29/2001**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
JPAB,EPAB,DWPI	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	6	<u>L4</u>
USPT	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	50	<u>L3</u>
USPT	(cd40L or cd40 adj ligand or 5c8) and (atherosclerosis or arteriosclerosis)	50	<u>L2</u>
USPT	yellin-michael\$	2	<u>L1</u>

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Term	Documents
CD40L.DWPI,EPAB,JPAB.	34
CD40LS	0
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CD40S	0
LIGAND.DWPI,EPAB,JPAB.	20430
LIGANDS.DWPI,EPAB,JPAB.	9027
5C8.DWPI,EPAB,JPAB.	7
5C8S	0
ATHEROSCLEROSIS.DWPI,EPAB,JPAB.	6650
ATHEROSCLEROSES.DWPI,EPAB,JPAB.	4
((CD40L OR CD40 ADJ LIGAND OR 5C8) AND (ATHEROSCLEROSIS OR ARTERIOSCLEROSIS) ) .JPAB,EPAB,DWPI.	6

[There are more results than shown above. Click here to view the entire set.](#)

**Database:** US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Refine Search:**

(cd40L or cd40 adj ligand or 5c8) and  
(atherosclerosis or arteriosclerosis)

[Clear](#)**Search History****Today's Date: 3/29/2001**

FILES REMOVED

\*\*\*EconBae (File 565)

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New pricing structure for Pharmaprojects (Files 128/928) from April 1, 2001. Check Help News128 or Help News928 for further information.

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File 1:ERIC 1966-2001/Mar 27  
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Set	Items	Description
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? b 410

>>>'IALOG' not recognized as set or accession number  
? set hi ;set hi

29mar01 13:33:34	User208760	Session D1820.1
\$0.41	0.116	DialUnits File1
\$0.41	Estimated cost	File1
\$0.05	TYMNET	
\$0.46	Estimated cost	this search
\$0.46	Estimated total session cost	0.116 DialUnits

File 410:Chronolog(R) 1981-2001 Jan/Feb  
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Set	Items	Description
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?  
HILIGHT set on as ''  
HILIGHT set on as ''  
? begin 5,73,155,399

29mar01 13:33:45	User208760	Session D1820.2
\$0.00	0.056	DialUnits File410
\$0.00	Estimated cost	File410
\$0.01	TYMNET	
\$0.01	Estimated cost	this search
\$0.47	Estimated total session cost	0.172 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2001/Mar W4  
(c) 2001 BIOSIS

File 73:EMBASE 1974-2001/Mar W3  
(c) 2001 Elsevier Science B.V.

\*File 73: For information about Explode feature please  
see Help News73.

File 155:MEDLINE(R) 1966-2000/Dec W4  
(c) format only 2000 Dialog Corporation

\*File 155: Further to NLM notification, Medline updating is expected  
to resume in March 2001. For other NLM information see Help News155.

File 399:CA SEARCH(R) 1967-2001/UD=13414  
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\*File 399: Use is subject to the terms of your user/customer agreement.  
RANK charge added; see HELP RATES 399.

Set	Items	Description
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? s (cd40L or cd40(w)ligand or 5c8) and atherosclerosis		
	3252	CD40L
	10990	CD40
	271555	LIGAND
	4389	CD40(W)LIGAND
	80	5C8
	139313	ATHEROSCLEROSIS
S1	117	(CD40L OR CD40(W)LIGAND OR 5C8) AND ATHEROSCLEROSIS
? rd s1		
...examined 50 records (50)		
...examined 50 records (100)		
...completed examining records		
	S2	57 RD S1 (unique items)
? t s2/3/all		

2/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12954109 BIOSIS NO.: 200100161258  
Absence of CD40 signaling is associated with an increase in intimal  
thickening after arterial injury.  
AUTHOR: Remskar Mojca; Li Hongyan; Chyu Kuang-Yuh; Shah Prediman K; Cercek  
Bojan(a)  
AUTHOR ADDRESS: (a)Division of Cardiology, Cedars-Sinai Medical Center,  
8700 Beverly Blvd, Room 5314, Los Angeles, CA, 90048: cercek@cshs.org\*\*  
USA  
JOURNAL: Circulation Research 88 (4):p390-394 March 2, 2001  
MEDIUM: print  
ISSN: 0009-7330  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12916944 BIOSIS NO.: 200100124093  
Atherogenesis as a reflection of immune inflammation in the vascular wall.  
AUTHOR: Nagornev V A; Yakovleva O A; Maltseva S V  
JOURNAL: Vestnik Rossiiskoi Akademii Meditsinskikh Nauk (10):p45-50 2000  
MEDIUM: print  
ISSN: 0869-6047  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: Russian; Non-English

SUMMARY LANGUAGE: English

2/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12905059 BIOSIS NO.: 200100112208  
Upregulation of the inhibitory adapter protein TRAF3 by shear stress blocks  
CD40-mediated endothelial cell activation.  
AUTHOR: Urbich Carmen(a); Mallat Ziad; Tedgui Alain; Zeiher Andreas M;  
Dimmeler Stefanie  
AUTHOR ADDRESS: (a)Univ of Frankfurt, Frankfurt\*\*Germany  
JOURNAL: Circulation 102 (18 Supplement):pII115 October 31, 2000  
MEDIUM: print  
CONFERENCE/MEETING: Abstracts from Scientific Sessions 2000 New Orleans,  
Louisiana, USA November 12-15, 2000  
ISSN: 0009-7322  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12893400 BIOSIS NO.: 200100100549  
Changing concepts on the role of the vascular smooth muscle cell in  
**atherosclerosis**.  
AUTHOR: Daemen M J(a)  
AUTHOR ADDRESS: (a)Pathology, CARIM, University of Maastricht, Maastricht\*\*  
Netherlands  
JOURNAL: Journal of Submicroscopic Cytology and Pathology 32 (3):p486  
July, 2000  
MEDIUM: print  
CONFERENCE/MEETING: XIth International Vascular Biology Meeting Geneva,  
Switzerland September 05-09, 2000  
ISSN: 1122-9497  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12893267 BIOSIS NO.: 200100100416  
Anti-**CD40L** antibody treatment during **atherosclerosis** in ApoE-/-  
mice. Focus on signaling events.  
AUTHOR: Heeneman S(a); Lutgens E(a); Slangen R(a); Burkly L; Koteliensky V;  
Daemen M(a)  
AUTHOR ADDRESS: (a)Pathology, University of Maastricht, Maastricht\*\*  
Netherlands  
JOURNAL: Journal of Submicroscopic Cytology and Pathology 32 (3):p374  
July, 2000  
MEDIUM: print  
CONFERENCE/MEETING: XIth International Vascular Biology Meeting Geneva,  
Switzerland September 05-09, 2000  
ISSN: 1122-9497  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12886873 BIOSIS NO.: 200100094022  
Anti-**CD40L** antibody treatment induces a stable plaque phenotype.  
AUTHOR: Lutgens E(a); Cleutjens K(a); Heeneman S(a); Koteliansky V; Burkly L; Daemen M(a)  
AUTHOR ADDRESS: (a)Pathology, Cardiovascular Research Institute Maastricht, Maastricht\*\*Netherlands  
JOURNAL: Journal of Submicroscopic Cytology and Pathology 32 (3):p476  
July, 2000  
MEDIUM: print  
CONFERENCE/MEETING: XIth International Vascular Biology Meeting Geneva, Switzerland September 05-09, 2000  
ISSN: 1122-9497

RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12778869 BIOSIS NO.: 200000532492  
Macrophages, smooth muscle cells, endothelial cells, and T-cells express CD40 and **CD40L** in fatty streaks and more advanced human atherosclerotic lesions: Colocalization with epitopes of oxidized low-density lipoprotein, scavenger receptor, and CD16 (FcgammaRIII).  
AUTHOR: Hakkinen Tomi; Karkola Kari; Yla-Herttuala Seppo(a)  
AUTHOR ADDRESS: (a)A.I. Virtanen Institute, University of Kuopio, 70211, Kuopio\*\*Finland  
JOURNAL: Virchows Archiv 437 (4):p396-405 October, 2000  
MEDIUM: print  
ISSN: 0945-6317  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12741221 BIOSIS NO.: 200000494844  
Patients with unstable angina, but not with acute myocardial infarction, show enhanced levels of membrane-bound **CD40 ligand** on platelets.  
AUTHOR: Garlichs D(a); Schmeisser A(a); Eskafi S(a); Raaz D(a); Kloos H(a); Schmidt A(a); Achenbach S(a); Ludwig J(a); Daniel W G(a)  
AUTHOR ADDRESS: (a)Medical Clinic II, University Erlangen-Nuremberg, Erlangen\*\*Germany  
JOURNAL: European Heart Journal 21 (Abstract Supplement):p656  
August-September, 2000  
MEDIUM: print  
CONFERENCE/MEETING: XXII Congress of the European Society of Cardiology Amsterdam, Netherlands August 26-30, 2000  
SPONSOR: European Society of Cardiology  
ISSN: 0195-668X  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English



2/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12686942 BIOSIS NO.: 200000440444  
T lymphocyte lines isolated from atheromatous plaque contain cells capable of responding to Chlamydia antigens.  
AUTHOR: Curry A J; Portig I; Goodall J C; Kirkpatrick P J; Gaston J S H(a)  
AUTHOR ADDRESS: (a)Department of Medicine, Addenbrookes Hospital, Cambridge, CB2 2QQ\*\*UK  
JOURNAL: Clinical and Experimental Immunology 121 (2):p261-269 August, 2000  
MEDIUM: print  
ISSN: 0009-9104  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12604660 BIOSIS NO.: 200000358162  
Inhibition of CD40 signaling limits evolution of established **atherosclerosis** in mice.  
AUTHOR: Schonbeck U; Sukhova G K; Shimizu K; Mach F; Libby P(a)  
AUTHOR ADDRESS: (a)Cardiovascular Division, Department of Medicine, Brigham and Women's Hospital, Harvard Medical School, 221 Longwood Avenue, LMRC 307, Boston, MA, 02115\*\*USA  
JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 97 (13):p7458-7463 June 30, 2000  
MEDIUM: print  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/11 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12604659 BIOSIS NO.: 200000358161  
**Atherosclerosis:** The emerging role of inflammation and the CD40-**CD40 ligand** system.  
AUTHOR: Phipps Richard P(a)  
AUTHOR ADDRESS: (a)Cancer Center and Department of Microbiology and Immunology, University of Rochester School of Medicine and Dentistry, 601 Elmwood Avenue, Rochester, NY, 14642\*\*USA  
JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 97 (13):p6930-6932 June 30, 2000  
MEDIUM: print  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
RECORD TYPE: Citation  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/12 (Item 12 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
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12602357 BIOSIS NO.: 200000355859

Both early and delayed anti-**CD40L** antibody treatment induces a stable plaque phenotype.

AUTHOR: Lutgens Esther; Cleutjens Kitty B J M; Heeneman Sylvia; Koteliansky Victor E; Burkly Linda C; Daemen Mat J A P(a)

AUTHOR ADDRESS: (a)Department of Pathology, Cardiovascular Research  
Institute Maastricht, University of Maastricht, 6202 AZ, Maastricht\*\*  
Netherlands

JOURNAL: Proceedings of the National Academy of Sciences of the United  
States of America 97 (13):p7464-7469 June 30, 2000

MEDIUM: print

ISSN: 0027-8424

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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12598431 BIOSIS NO.: 200000351933

Inflammation-mediated rheumatic diseases and **atherosclerosis**.

AUTHOR: Manzi Susan(a); Wasko Mary Chester M

AUTHOR ADDRESS: (a)3471 Fifth Avenue, Suite 502, Liliane Kaufmann Building,  
Pittsburgh, PA, 15213\*\*USA

JOURNAL: Annals of the Rheumatic Diseases 59 (5):p321-325 May, 2000

MEDIUM: print

ISSN: 0003-4967

DOCUMENT TYPE: Literature Review

RECORD TYPE: Citation

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/14 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

12580856 BIOSIS NO.: 200000334358

CD154 (**CD40 ligand**).

AUTHOR: Schonbeck Uwe; Mach Francois; Libby Peter(a)

AUTHOR ADDRESS: (a)Cardiovascular Medicine, Department of Medicine, Brigham  
and Women's Hospital and Harvard Medical School, 221 Longwood Ave,  
Boston, MA, 02115\*\*USA

JOURNAL: International Journal of Biochemistry & Cell Biology 32 (7):p  
687-693 July, 2000

MEDIUM: print

ISSN: 1357-2725

DOCUMENT TYPE: Literature Review

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

2/3/15 (Item 15 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2001 BIOSIS. All rts. reserv.

12561424 BIOSIS NO.: 200000314926

Differential expression of three T lymphocyte-activating CXC chemokines by

human atheroma-associated cells.  
AUTHOR: Mach Francois; Sauty Alain; Iarossi Albert S; Sukhova Galina K;  
Neote Kuldeep; Libby Peter; Luster Andrew D  
AUTHOR ADDRESS: (a)Massachusetts General Hospital-East, 13th Street,  
Building 149, Room 5219, Charlestown, MA, 02129\*\*USA  
JOURNAL: Journal of Clinical Investigation 104 (8):p1041-1050 October,  
1999  
MEDIUM: print  
ISSN: 0021-9738  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/16 (Item 16 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12558496 BIOSIS NO.: 200000311998  
Endothelial function and hemostasis.  
AUTHOR: Becker B F; Heindl B; Kupatt C; Zahler S  
AUTHOR ADDRESS: (a)Dept. of Physiology, University of Munich, Pettenkofer  
Str. 12, D-80336, Munich\*\*Germany  
JOURNAL: Zeitschrift fuer Kardiologie 89 (3):p160-167 March, 2000  
MEDIUM: print  
ISSN: 0300-5860  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English; German

2/3/17 (Item 17 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12271372 BIOSIS NO.: 200000024874  
Inhibition of CD40 signaling limits evolution of established atheroma in  
hyperlipidemic mice.  
AUTHOR: Schonbeck Uwe(a); Sukhova Galina K(a); Mach Francois(a); Libby  
Peter(a)  
AUTHOR ADDRESS: (a)Brigham and Women's Hosp, Boston, MA\*\*USA  
JOURNAL: Circulation 110 (18 SUPPL.):pI479 Nov. 2, 1999  
CONFERENCE/MEETING: 72nd Scientific Sessions of the American Heart  
Association Atlanta, Georgia, USA November 7-10, 1999  
ISSN: 0009-7322  
RECORD TYPE: Citation  
LANGUAGE: English

2/3/18 (Item 18 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12270702 BIOSIS NO.: 200000024204  
Interruption of CD40-**CD40 ligand** signaling reduces  
transplantation arteriosclerosis in mouse aortic allografts.  
AUTHOR: Shimizu Koichi(a); Shsnbeck Uwe(a); Sugiyama Seigo(a); Mitchell  
Richard N(a)  
AUTHOR ADDRESS: (a)Brigham and Women's Hosp, Boston, MA\*\*USA  
JOURNAL: Circulation 110 (18 SUPPL.):pI43 Nov. 2, 1999  
CONFERENCE/MEETING: 72nd Scientific Sessions of the American Heart  
Association Atlanta, Georgia, USA November 7-10, 1999  
ISSN: 0009-7322

RECORD TYPE: Citation  
LANGUAGE: English

2/3/19 (Item 19 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12270701 BIOSIS NO.: 200000024203  
Genetic disruption of CD40-**CD40L** interaction induces a more stable  
plaque phenotype.  
AUTHOR: Lutgens Esther(a); Gorelik Leonid; Daemen Mat J A P; Muinck de Ebo  
D; Koteliansky Victor E; Flavell Richard  
AUTHOR ADDRESS: (a)Univ of Maastricht, Maastricht\*\*Netherlands  
JOURNAL: Circulation 110 (18 SUPPL.):pI43 Nov. 2, 1999  
CONFERENCE/MEETING: 72nd Scientific Sessions of the American Heart  
Association Atlanta, Georgia, USA November 7-10, 1999  
ISSN: 0009-7322  
RECORD TYPE: Citation  
LANGUAGE: English

2/3/20 (Item 20 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

12229039 BIOSIS NO.: 199900523888  
Expression of stromelysin-3 in atheroma: Regulation via CD40/**CD40L**  
-signaling in vitro and in vivo.  
AUTHOR: Schoenbeck Uwe; Mach Francois; Sukhova Galina K; Libby Peter  
AUTHOR ADDRESS: Brigham and Women's Hosp., Boston, MA\*\*USA  
JOURNAL: Circulation 98 (17 SUPPL.):pI315 Oct. 27, 1998  
CONFERENCE/MEETING: 71st Scientific Sessions of the American Heart  
Association Dallas, Texas, USA November 8-11, 1998  
SPONSOR: The American Heart Association  
ISSN: 0009-7322  
RECORD TYPE: Citation  
LANGUAGE: English

2/3/21 (Item 21 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12199896 BIOSIS NO.: 199900494745  
Dietary lipid lowering reduces tissue factor expression in rabbit atheroma.  
AUTHOR: Aikawa Masanori(a); Voglic Sami J; Sugiyama Seigo; Rabkin Elena;  
Taubman Mark B; Fallon John T; Libby Peter  
AUTHOR ADDRESS: (a)Vascular Medicine and Atherosclerosis Unit, Brigham and  
Women's Hospital, Harvard Medical School, 221 Longwood Ave, LMRC 309,  
Boston, MA, 02115\*\*USA  
JOURNAL: Circulation 100 (11):p1215-1222 Sept. 14, 1999  
ISSN: 0009-7322  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/22 (Item 22 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12124546 BIOSIS NO.: 199900419395  
Enhanced levels of soluble and membrane-bound **CD40 ligand** in

patients with unstable angina: Possible reflection of T lymphocyte and platelet involvement in the pathogenesis of acute coronary syndromes.  
AUTHOR: Aukrust Pal(a); Muller Fredrik; Ueland Thor; Berget Trude; Aaser Elinor; Brunsvig Anne; Solum Nils Olav; Forfang Kolbjorn; Froland Stig S; Gullestad Lars  
AUTHOR ADDRESS: (a)Medical Department, Rikshospitalet, N-0027, Oslo\*\*Norway  
JOURNAL: Circulation 100 (6):p614-620 Aug. 10, 1999  
ISSN: 0009-7322  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/23 (Item 23 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11958181 BIOSIS NO.: 199900204290  
Expression of stromelysin-3 in atherosclerotic lesions: Regulation via CD40-CD40 ligand signaling in vitro and in vivo.  
AUTHOR: Schonbeck Uwe; Mach Francois; Sukhova Galina K; Atkinson Elizabeth; Levesque Ethan; Herman Michael; Graber Pierre; Basset Paul; Libby Peter (a)  
AUTHOR ADDRESS: (a)Vascular Medicine and Atherosclerosis Unit, Cardiovascular Division, Department of Medicine, Bri\*\*USA  
JOURNAL: Journal of Experimental Medicine 189 (5):p843-853 March 1, 1999  
ISSN: 0022-1007  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

2/3/24 (Item 24 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11862527 BIOSIS NO.: 199900108636  
T lymphocytes induce endothelial cell matrix metalloproteinase expression by a CD40L-dependent mechanism: Implications for tubule formation.  
AUTHOR: Mach Francois; Schonbeck Uwe; Fabunmi Rosalind P; Murphy Curran; Atkinson Elizabeth; Bonnefoy Jean-Yves; Graber Pierre; Libby Peter(a)  
AUTHOR ADDRESS: (a)Vasc. Med. Atherosclerosis Unit, Cardiovasc. Div., Dep. Med., Brigham Women's Hosp., Harvard Med\*\*USA  
JOURNAL: American Journal of Pathology 154 (1):p229-238 Jan., 1999  
ISSN: 0002-9440  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/25 (Item 25 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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11780494 BIOSIS NO.: 199900026603  
Chemokines and atherosclerosis.  
AUTHOR: Terkeltaub Robert(a); Boisvert William A; Curtiss Linda K  
AUTHOR ADDRESS: (a)VA Med. Cent., 3350 La Jolla Village Drive, San Diego, CA 92161\*\*USA  
JOURNAL: Current Opinion in Lipidology 9 (5):p397-405 Oct., 1998  
ISSN: 0957-9672  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Citation

LANGUAGE: English

2/3/26 (Item 26 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11652458 BIOSIS NO.: 199800434189  
Lysophosphatidylcholine upregulates **CD40 ligand** expression in  
newly activated human CD4+ T cells.  
AUTHOR: Sakata-Kaneko Shizuka; Wakatsuki Yoshio(a); Usui Takashi; Matsunaga  
Yoichi; Itoh Toshiyuki; Nishi Eiichiro; Kume Noriaki; Kita Toru  
AUTHOR ADDRESS: (a)Dep. Clinical Bio-regulatory Sci., Kyoto Univ. Graduate  
Sch. Med., 54 Kawahara-cho, Shogo-in, Sa\*\*Japan  
JOURNAL: FEBS Letters 433 (1-2):p161-165 Aug. 14, 1998  
ISSN: 0014-5793  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/27 (Item 27 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11577268 BIOSIS NO.: 199800357964  
CD40 signaling in vascular cells: A key role in **atherosclerosis**?  
AUTHOR: Mach Francois; Schonbeck Uwe; Libby Peter(a)  
AUTHOR ADDRESS: (a)Vasc. Med. Atherosclerosis Unit, Cardiovasc. Div., Dep.  
Med., Brigham and Women's Hosp., Harvard\*\*USA  
JOURNAL: Atherosclerosis 137 (SUPPL.):pS89-S95 April, 1998  
ISSN: 0021-9150  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/28 (Item 28 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11577105 BIOSIS NO.: 199800357801  
Reduction of **atherosclerosis** in mice by inhibition of CD40  
signalling.  
AUTHOR: Mach Francois; Schoenbeck Uwe; Sukhova Galina K; Atkinson Elizabeth  
; Libby Peter(a)  
AUTHOR ADDRESS: (a)Vascular Med. Atherosclerosis Unit, Cardiovascular Div.,  
Dep. Med., Brigham and Women's Hosp., H\*\*USA  
JOURNAL: Nature (London) 394 (6689):p200-203 July 9, 1998  
ISSN: 0028-0836  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/29 (Item 29 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11517159 BIOSIS NO.: 199800298491  
T-lymphocytes and monocytes in atherogenesis.  
AUTHOR: Schmitz Gerd(a); Herr Alexandra S; Rothe Gregor  
AUTHOR ADDRESS: (a)Inst. Klin. Chem. Laboratoriumsmed., Klin. Univ.,  
D-93042 Regensburg\*\*Germany  
JOURNAL: Herz 23 (3):p168-177 May, 1998

ISSN: 0340-9937  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English; German

2/3/30 (Item 30 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11490633 BIOSIS NO.: 199800271965

**CD40 ligand** (CD154) stimulation of macrophages to produce  
HIV-1-suppressive beta-chemokines.

AUTHOR: Kornbluth Richard S(a); Kee Kristin; Richman Douglas D  
AUTHOR ADDRESS: (a)Dep. Med.-0679, Univ. California, San Diego, 9500 Gilman  
Drive, La Jolla, CA 92093-0679\*\*USA

JOURNAL: Proceedings of the National Academy of Sciences of the United  
States of America 95 (9):p5205-5210 April 28, 1998

ISSN: 0027-8424

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

2/3/31 (Item 31 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11157554 BIOSIS NO.: 199799778699

Presence of CD40 and **CD40L** in human atherosclerotic plaque:

Implications for matrix metalloproteinases expression by endothelial  
cells.

AUTHOR: Mach F(a); Schonbeck U(a); Sukhova G K(a); Bourcier T(a); Bonnefoy  
J-Y; Libby P

AUTHOR ADDRESS: (a)Vascular Med. Unit, Brigham and Women's Hosp., Boston,  
MA\*\*USA

JOURNAL: European Heart Journal 18 (ABSTR. SUPPL.):p228 1997

CONFERENCE/MEETING: XIXth Congress of the European Society of Cardiology  
together with the 32nd Annual General Meeting of the Association of  
European Paediatric Cardiologists (AEPC) Stockholm, Sweden August 24-28,  
1997

ISSN: 0195-668X

RECORD TYPE: Citation

LANGUAGE: English

2/3/32 (Item 32 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11113248 BIOSIS NO.: 199799734393

Regulation of matrix metalloproteinase expression in human vascular smooth  
muscle cells by T lymphocytes: A role for CD40 signaling in plaque  
rupture?

AUTHOR: Schoenbeck Uwe; Mach Francois; Sukhova Galina K; Murphy Curran;  
Bonnefoy Jean-Yves; Fabunmi Rosalind P; Libby Peter(a)

AUTHOR ADDRESS: (a)Vascular Med. Atherosclerosis Unit, Cardiovascular Div.,  
Dep. Med., Brigham and Women's Hosp., H\*\*USA

JOURNAL: Circulation Research 81 (3):p448-454 1997

ISSN: 0009-7330

RECORD TYPE: Abstract

LANGUAGE: English

2/3/33 (Item 33 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11065929 BIOSIS NO.: 199799687074  
Ligation of CD40 activates interleukin 1-beta-converting enzyme (caspase-1) activity in vascular smooth muscle and endothelial cells and promotes elaboration of active interleukin 1-beta.  
AUTHOR: Schonbeck Uew; Mach Francois; Bonnefoy Jean-Yves; Loppnow Harald; Flad Hans-Dieter; Libby Peter(a)  
AUTHOR ADDRESS: (a)Vascular Medicine Atherosclerosis Unit, Cardiovasc. Div., Dep. Medicine, Brigham and Women's Hos\*\*USA  
JOURNAL: Journal of Biological Chemistry 272 (31):p19569-19574 1997  
ISSN: 0021-9258  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/34 (Item 34 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11018963 BIOSIS NO.: 199799640108  
CD40-**CD40L** interactions in **atherosclerosis**.  
AUTHOR: Lamán Jon D(a); De Smet Bart J G L; Schoneveld Arjan; Van Meurs Marjan(a)  
AUTHOR ADDRESS: (a)Div. Immunol. and Infectious Diseases, TNO Prevention and Health, P.O. Box 2215, 2301 CE Leiden\*\*Netherlands  
JOURNAL: Immunology Today 18 (6):p272-277 1997  
ISSN: 0167-5699  
RECORD TYPE: Citation  
LANGUAGE: English

2/3/35 (Item 35 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10829852 BIOSIS NO.: 199799450997  
Functional **CD40 ligand** is expressed on human vascular endothelial cells, smooth muscle cells, and macrophages: Implications for CD40-**CD40 ligand** signaling in **atherosclerosis**.  
AUTHOR: Mach Francois; Schoenbeck Uwe; Sukhova Galina K; Bourcier Todd; Bonnefoy Jean-Yves; Pober Jordan S; Libby Peter(a)  
AUTHOR ADDRESS: (a)Vascular Med. Atherosclerosis Unit, Cardiovascular Division, Dep. Med., Brigham and Women's Hosp\*\*USA  
JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 94 (5):p1931-1936 1997  
ISSN: 0027-8424  
RECORD TYPE: Abstract  
LANGUAGE: English

2/3/36 (Item 36 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

10680119 BIOSIS NO.: 199799301264  
CD40L+CD4+ T cells and CD40+ target cells are present in **atherosclerosis** and transplant coronary artery disease.  
AUTHOR: Yellin Michael J; Szabolcs Matthias; Han Angelina; Michler Robert; Cannon Paul J; Chess Leonard  
AUTHOR ADDRESS: Columbia Univ., New York City, NY\*\*USA  
JOURNAL: Circulation 94 (8 SUPPL.):pI1 1996  
CONFERENCE/MEETING: 69th Scientific Sessions of the American Heart



Association New Orleans, Louisiana, USA November 10-13, 1996  
ISSN: 0009-7322  
RECORD TYPE: Citation  
LANGUAGE: English

2/3/37 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

10941255 EMBASE No: 2000432254  
Immunological and inflammatory mechanisms in human **atherosclerosis**  
Riggers U.; Holzmeister J.; Bruemmer D.; Stawowy P.; Blaschke F.; De Buhr  
I.; Wollert-Wulf B.; Regitz-Zagrosek V.; Fleck E.; Graf K.  
Dr. K. Graf, Med. Klin. mit Schwerpunkt Kardiolog., Charite, CVK and  
Deutsches Herzzentrum Berlin, Augustenburger Platz 1, D-13353 Berlin  
Germany  
Allergo Journal ( ALLERGO J. ) (Germany) 2000, 9/7 (421-429)  
CODEN: ALJOE ISSN: 0941-8849  
DOCUMENT TYPE: Journal; Review  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH; GERMAN  
NUMBER OF REFERENCES: 31

2/3/38 (Item 2 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

10888334 EMBASE No: 2000344728  
Inhibition of agonist-induced p42 and p38 mitogen-activated protein  
kinase phosphorylation and **CD40 ligand**/P-selectin expression by  
cyclic nucleotide-regulated pathways in human platelets  
Schwarz U.R.; Kobsar A.L.; Koks M.; Walter U.; Eigenthaler M.  
Dr. M. Eigenthaler, Clin. Biochemistry/Pathobiochemistry, Medical  
University Clinic Wurzburg, Josef-Schneider Strasse 2, D-97080 Wurzburg  
Germany  
AUTHOR EMAIL: eigentha@klin-biochem.uni-wuerzburg.de  
Biochemical Pharmacology ( BIOCHEM. PHARMACOL. ) (United States) 01 NOV  
2000, 60/9 (1399-1407)  
CODEN: BCPA ISSN: 0006-2952  
PUBLISHER ITEM IDENTIFIER: S0006295200004524  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 48

2/3/39 (Item 3 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

10885194 EMBASE No: 2000368627  
Role of platelet P-selectin and **CD40 ligand** in the induction  
of monocytic tissue factor expression  
Lindmark E.; Tenno T.; Siegbahn A.  
Dr. A. Siegbahn, Department of Medical Sciences, Clinical Chemistry,  
University Hospital, S-75185 Uppsala Sweden  
AUTHOR EMAIL: agneta.siegbahn@klinikem.uas.lul.se  
Arteriosclerosis, Thrombosis, and Vascular Biology ( ARTERIOSCLER.  
THROMB. VASC. BIOL. ) (United States) 2000, 20/10 (2322-2328)  
CODEN: ATVBF ISSN: 1079-5642  
DOCUMENT TYPE: Journal; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 23

2/3/40 (Item 4 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

10815929 EMBASE No: 2000296308

CD40 ligation induces tissue factor expression in human vascular smooth muscle cells

Schonbeck U.; Mach F.; Sukhova G.K.; Herman M.; Graber P.; Kehry M.R.; Libby P.

P. Libby, Vascular Med./Atheroscle. Unit, Cardiovascular Division, Department of Medicine, 221 Longwood Avenue, LMRC 307 Boston, MA 02115 United States

AUTHOR EMAIL: plibby@rics.bwh.harvard.edu

American Journal of Pathology ( AM. J. PATHOL. ) (United States) 2000, 156/1 (7-14)

CODEN: AJPAA ISSN: 0002-9440

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 58

2/3/41 (Item 5 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

10750565 EMBASE No: 2000230708

Cellular and molecular mechanisms of atherogenesis. CD40-CD40L immunoregulatory signal

Nagornev V.A.; Ketlinskii S.A.

Bulletin of Experimental Biology and Medicine ( BULL. EXP. BIOL. MED. ) (United States) 1999, 128/10 (971-977)

CODEN: BEXBA ISSN: 0007-4888

DOCUMENT TYPE: Journal; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 56

2/3/42 (Item 6 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

07218281 EMBASE No: 1998114007

CD40 ligand on activated platelets triggers an inflammatory reaction of endothelial cells

Henn V.; Slupsky J.R.; Grafe M.; Anagnostopoulos I.; Forster R.; Muller-Berghaus G.; Krocze R.A.

R.A. Krocze, Molecular Immunology, Robert Koch-Institute, 13353 Berlin Germany

AUTHOR EMAIL: KroczeR@rki.de

Nature ( NATURE ) (United Kingdom) 05 FEB 1998, 391/6667 (591-594)

CODEN: NATUA ISSN: 0028-0836

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 29

2/3/43 (Item 7 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2001 Elsevier Science B.V. All rts. reserv.

07014980 EMBASE No: 1997302227

TRAP (CD40 ligand) on activated platelets triggers a pro-inflammatory reaction of endothelial cells

Henn V.; Slupsky J.R.; Grafe M.; Muller-Berghaus G.; Krocze R.A.

V. Henn, Molecular Immunology, Robert Koch-Institute, Berlin Germany

Immunobiology ( IMMUNOBIOLOGY ) (Germany) 1997, 197/2-4 (305)  
CODEN: ZIMMD ISSN: 0171-2985  
DOCUMENT TYPE: Journal; Conference Paper  
LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 0

2/3/44 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

10549354 20445371  
Analysis of CD154 and CD40 expression in native coronary  
**atherosclerosis** and transplant associated coronary artery disease.  
Szabolcs MJ; Cannon PJ; Thienel U; Chen R; Michler RE; Chess L; Yellin MJ  
Department of Pathology, College of Physicians and Surgeons, Columbia  
University, New York, NY 10032, USA.

Virchows Archiv (GERMANY) Aug 2000, 437 (2) p149-59, ISSN 0945-6317  
Journal Code: BZD  
Contract/Grant No.: HL 54764, HL, NHLBI; P01 AI39675, AI, NIAID; R01  
AR44198, AR, NIAMS; +  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

2/3/45 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

10423948 20228321  
Long-term reversal of hypercholesterolemia in low density lipoprotein  
receptor (LDLR)-deficient mice by adenovirus-mediated LDLR gene transfer  
combined with CD154 blockade.

Stein CS; Martins I; Davidson BL  
Department of Internal Medicine, University of Iowa College of Medicine,  
Iowa City 52242, USA.  
J Gene Med (ENGLAND) Jan-Feb 2000, 2 (1) p41-51, ISSN 1099-498X  
Journal Code: DLU  
Contract/Grant No.: PR DK54759-01, DK, NIDDK; DK53438-02, DK, NIDDK  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE

2/3/46 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

10261585 20073709  
Regulation of the thrombotic potential of atheroma.  
Libby P; Mach F; Schonbeck U; Bourcier T; Aikawa M  
Department of Medicine, Brigham and Women's Hospital, Harvard Medical  
School, Boston, MA 02115, USA. plibby@rics.bwh.harvard.edu  
Thrombosis and haemostasis (GERMANY) Aug 1999, 82 (2) p736-41, ISSN  
0340-6245 Journal Code: VQ7  
Contract/Grant No.: HL-34634, HL, NHLBI; P01 HL48743, HL, NHLBI  
Languages: ENGLISH  
Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

2/3/47 (Item 4 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)  
(c) format only 2000 Dialog Corporation. All rts. reserv.

10150217 20015197  
Requirement for CD154 in the progression of **atherosclerosis**.

Lutgens E; Gorelik L; Daemen MJ; de Muinck ED; Grewal IS; Koteliansky VE; Flavell RA

Department of Pathology, Cardiovascular Research Institute Maastricht, University of Maastricht, P. Debeyeln 25, PO Box 5800, 6202 AZ Maastricht, the Netherlands.

Nature medicine (UNITED STATES) Nov 1999, 5 (11) p1313-6, ISSN 1078-8956 Journal Code: CG5

Languages: ENGLISH

Document type: JOURNAL ARTICLE

2/3/48 (Item 5 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

10117206 99029732

CD40 in clinical inflammation: from multiple sclerosis to **atherosclerosis**.

Laman JD; De Boer M; 't Hart BA

Division of Immunological and Infectious Diseases, TNO Prevention and Health (TNO-PG), Leiden, The Netherlands.

Developmental immunology (ENGLAND) 1998, 6 (3-4) p215-22, ISSN 1044-6672 Journal Code: BJF

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW, TUTORIAL

2/3/49 (Item 6 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

09559411 98259414

CD40 and CD154 in cell-mediated immunity.

Grewal IS; Flavell RA

Howard Hughes Medical Institute, and Section of Immunobiology, Yale University School of Medicine, New Haven, Connecticut 06520, USA.

Annual review of immunology (UNITED STATES) 1998, 16 p111-35, ISSN 0732-0582 Journal Code: ALO

Languages: ENGLISH

Document type: JOURNAL ARTICLE; REVIEW; REVIEW, ACADEMIC

2/3/50 (Item 7 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

09207010 97386352

Activation of monocyte/macrophage functions related to acute atheroma complication by ligation of CD40: induction of collagenase, stromelysin, and tissue factor.

Mach F; Schonbeck U; Bonnefoy JY; Pober JS; Libby P

Department of Medicine, Brigham and Women's Hospital, Harvard Medical School, Boston, Mass 02115, USA.

Circulation (UNITED STATES) Jul 15 1997, 96 (2) p396-9, ISSN 0009-7322 Journal Code: DAW

Contract/Grant No.: HL-43364, HL, NHLBI

Languages: ENGLISH

Document type: JOURNAL ARTICLE

2/3/51 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

133088219 CA: 133(7)88219b PATENT

Use of CD40 engagement to alter T cell receptor usage  
INVENTOR(AUTHOR): Newell, Martha K.; Wagner, David; Newell, Evan  
LOCATION: USA  
ASSIGNEE: University of Vermont and State Agricultural College  
PATENT: PCT International ; WO 200039283 A1 DATE: 20000706  
APPLICATION: WO 99US30930 (19991222) \*US FV114106 (19961229)  
PAGES: 50 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-005/02A;  
C12N-005/06B; C12N-005/08B DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ;  
BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;  
LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL;  
TJ; TM; TR; TT; UA; UG; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ;  
TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG; ZW; AT; BE  
; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ;  
CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

2/3/52 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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133003540 CA: 133(1)3540b JOURNAL  
Induction and Regulation of Matrix Metalloproteinase-12 by Cytokines and  
CD40 Signaling in Monocyte/Macrophages  
AUTHOR(S): Wu, Lihua; Fan, Jianglin; Matsumoto, Shun-ichiro; Watanabe,  
Teruo  
LOCATION: Department of Pathology, Institute of Basic Medical Sciences,  
University of Tsukuba, Tsukuba, Ibaraki, Japan, 305-8575  
JOURNAL: Biochem. Biophys. Res. Commun. DATE: 2000 VOLUME: 269  
NUMBER: 3 PAGES: 808-815 CODEN: BBRCA9 ISSN: 0006-291X LANGUAGE:  
English PUBLISHER: Academic Press

2/3/53 (Item 3 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

132192948 CA: 132(15)192948d JOURNAL  
Atherosclerosis and CD40  
AUTHOR(S): Watanabe, Mikio; Iwatani, Yoshinori  
LOCATION: Department of Clinical Laboratory Science, School of Allied  
Health Sciences, Faculty of Medicine, Osaka University, Suita, Japan,  
565-0871  
JOURNAL: Naibunpi, Tonyobyoka DATE: 1999 VOLUME: 9 NUMBER: 1 PAGES:  
61-67 CODEN: NATOFF ISSN: 1341-3724 LANGUAGE: Japanese PUBLISHER:  
Kagaku Hyoronsha

2/3/54 (Item 4 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

131333038 CA: 131(25)333038a PATENT  
Protein and cDNA sequences encoding human and mouse CD40 receptor assocd.  
proteins (CRAP), and uses thereof in the treatment of CD40 and/or  
NF-.kappa.B related diseases  
INVENTOR(AUTHOR): Pype, Stefan Maria Christiaan; Remacle, Jacques Emile  
Fernand Josiane Ghislain; Huylebroeck, Danny Francois Eveline  
LOCATION: Belg.  
ASSIGNEE: Vlaams Interuniversitair Instituut Voor Biotechnologie Vzw  
PATENT: PCT International ; WO 9955859 A2 DATE: 19991104  
APPLICATION: WO 99EP3025 (19990428) \*EP 98201392 (19980429)  
PAGES: 48 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/12A;  
C07K-014/47B; C07K-016/18B; C12Q-001/68B; A61K-038/17B; G01N-033/50B  
DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN;

CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP;  
KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO;  
NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ;  
VN; YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM  
; KE; LS; MW; SD; SL; SZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; CN; GW; ML; MR;  
NE; SN; TD; TG

2/3/55 (Item 5 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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131072327 CA: 131(6)72327h JOURNAL  
CD40-CD154 interaction in experimental and human disease (review)  
AUTHOR(S): Biancone, Luigi; Cantaluppi, Vincenzo; Camussi, Giovanni  
LOCATION: Cattedra di Nefrologia, Dipartimento di Medicina Interna,  
Universita di Torino, 10126, Turin, Italy  
JOURNAL: Int. J. Mol. Med. DATE: 1999 VOLUME: 3 NUMBER: 4 PAGES:  
343-353 CODEN: IJMMFG ISSN: 1107-3756 LANGUAGE: English PUBLISHER:  
International Journal of Molecular Medicine

2/3/56 (Item 6 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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128114038 CA: 128(10)114038k PATENT  
Therapeutic applications of T-BAM (CD40L) technology to treat diseases  
involving smooth muscle cells  
INVENTOR(AUTHOR): Yellin, Michael J.; Lederman, Seth; Chess, Leonard;  
Karpusas, Mihail N.; Thomas, David W.  
LOCATION: USA  
ASSIGNEE: Trustees of Columbia University In the City of New York;  
Biogen, Inc.; Yellin, Michael J.; Lederman, Seth; Chess, Leonard; Karpusas,  
Mihail N.; Thomas, David W.  
PATENT: PCT International ; WO 9801145 A1 DATE: 19980115  
APPLICATION: WO 97US12925 (19970703) \*US 677730 (19960708)  
PAGES: 113 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-038/00A;  
A61K-038/02B; A61K-038/17B; A61K-039/395B DESIGNATED COUNTRIES: AL; AM; AT  
; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB;  
GE; GH; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD;  
MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM;  
TR; TT; UA; UG; US; UZ; VN; YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM  
DESIGNATED REGIONAL: GH; KE; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; DE; DK;  
ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA;  
GN; ML; MR; NE; SN; TD; TG

2/3/57 (Item 7 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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127094110 CA: 127(7)94110b PATENT  
Therapeutic applications for the anti-T-BAM) (CD40-L) monoclonal antibody  
5c8  
INVENTOR(AUTHOR): Yellin, Michael J.; Lederman, Seth; Chess, Leonard;  
Karpusas, Mihail N.; Thomas, David W.  
LOCATION: USA  
ASSIGNEE: Trustees of Columbia University In the City of New York;  
Biogen, Incorporated  
PATENT: PCT International ; WO 9720063 A1 DATE: 19970605  
APPLICATION: WO 96US19172 (19961127) \*US 566258 (19951201) \*US 567391  
(19951201) \*US 637323 (19960422)  
PAGES: 144 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12Q-001/00A;

G01N-033/53B; G01N-033/567B; A61K-039/395B; A61K-031/00B; A01N-037/18B  
DESIGNATED COUNTRIES: AU; CA; JP; MX DESIGNATED REGIONAL: AT; BE; CH; DE  
; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE  
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Set	Items	Description
S1	117	(CD40L OR CD40(W)LIGAND OR 5C8) AND ATHEROSCLEROSIS
S2	57	RD S1 (unique items)

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3/29/01



11577105 BIOSIS NO.: 199800357801

Reduction of **atherosclerosis** in mice by inhibition of CD40 signalling.

AUTHOR: Mach Francois; Schoenbeck Uwe; Sukhova Galina K; Atkinson Elizabeth ; Libby Peter(a)

AUTHOR ADDRESS: (a)Vascular Med. Atherosclerosis Unit, Cardiovascular Div., Dep. Med., Brigham and Women's Hosp., H\*\*USA

JOURNAL: Nature (London) 394 (6689):p200-203 July 9, 1998

ISSN: 0028-0836

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Increasing amounts of evidence support the involvement of inflammation and immunity in atherogenesis, but mediators of communication between the major cell types in atherosclerotic plaques are poorly defined. Cells in human atherosclerotic lesions express the immune mediator CD40 and its ligand **CD40L** (also known as CD154 or gp39). The interaction of CD40 with **CD40L** figures prominently in both humoral and cell-mediated immune responses. **CD40L**-positive T cells accumulate in atheroma, and, by virtue of their early appearance, persistence and localization at sites of lesion growth and complication, activated T cells may coordinate important aspects of atherogenesis. Interruption of **CD40L**-CD40 signalling by administration of an anti-**CD40L** antibody limits experimental autoimmune diseases such as collagen-induced arthritis, lupus nephritis, acute or chronic graft-versus-host disease, multiple sclerosis and thyroiditis. Ligation of CD40 on atheroma-associated cells in vitro activates functions related to atherogenesis, including induction of proinflammatory cytokines, matrix metalloproteinases, adhesion molecules and tissue factor. However, the role of CD40 signalling in atherogenesis in vivo remains unknown. Here we determine whether interruption of CD40 signalling influences atherogenesis in vivo in hyperlipidaemic mice. Treatment with antibody against mouse **CD40L** limited **atherosclerosis** in mice lacking the receptor for low-density lipoprotein that had been fed a high-cholesterol diet for 12 weeks. This antibody reduces the size of aortic atherosclerotic lesions by 59% and their lipid content by 79%. Furthermore, atheroma of mice treated with anti-**CD40L** antibody contained significantly fewer macrophages (64%) and T lymphocytes (70%), and exhibited decreased expression of vascular cell adhesion molecule-1. These data support the involvement of inflammatory pathways in **atherosclerosis** and indicate a role for CD40 signalling during atherogenesis in hyperlipidaemic mice.

2/7/29 (Item 29 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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2/7/25 (Item 25 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2001 BIOSIS. All rts. reserv.

11780494 BIOSIS NO.: 199900026603

Chemokines and **atherosclerosis**.

AUTHOR: Terkeltaub Robert(a); Boisvert William A; Curtiss Linda K

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CA 92161\*\*USA

JOURNAL: Current Opinion in Lipidology 9 (5):p397-405 Oct., 1998

ISSN: 0957-9672

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DOCUMENT TYPE: Literature Review

RECORD TYPE: Citation

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2/7/18 (Item 18 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12270702 BIOSIS NO.: 200000024204

Interruption of CD40-**CD40 ligand** signaling reduces  
transplantation arteriosclerosis in mouse aortic allografts.

AUTHOR: Shimizu Koichi(a); Shsnbeck Uwe(a); Sugiyama Seigo(a); Mitchell  
Richard N(a)

AUTHOR ADDRESS: (a)Brigham and Women's Hosp, Boston, MA\*\*USA

JOURNAL: Circulation 110 (18 SUPPL.):p143 Nov. 2, 1999

CONFERENCE/MEETING: 72nd Scientific Sessions of the American Heart  
Association Atlanta, Georgia, USA November 7-10, 1999

ISSN: 0009-7322

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